

45

Attorney Docket No. 1454.1081

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:

Horst-Udo HAIN

Application No.: NEW

Group Art Unit: To be assigned

Filed: August 31, 2001

Examiner: To be assigned

For: ASSIGNMENT OF PHONEMES TO THE GRAPHEMES PRODUCING THEM

INFORMATION DISCLOSURE STATEMENT

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

In accordance with the duty of disclosure provisions of 37 CFR §1.56, there is hereby provided certain information which the Examiner may consider material to the examination of the subject U.S. patent application. It is requested that the Examiner make this information of record if it is deemed material to the examination of the subject application.

1. Enclosures accompanying this Information Disclosure Statement are:

- 1a. ☒ Form PTO-1449.
- 1b. ☒ Copies of IDS citations.
- 1c. ☐ An English language copy of search report(s) from a counterpart foreign application or a PCT International Search Report.
- 1d. ☐ English language translation (complete or relevant portion(s)) attached to each non-English language publication.
- 1e. ☒ Explanations of Relevancy of References (ATTACHMENT 1(e), hereto) for providing a concise explanation of each non-English publication.

2. ☒ In accordance with 37 CFR §1.98, a concise explanation of what is presently understood to be the relevance of each non-English language publication is

(Check appropriate Items 2a, 2b, 2c and/or 2d)

- 2a. ☐ satisfied because all non-English language publications were cited on the enclosed "English-language version of the search report or action which indicates the degree of relevance found by the foreign office". (See MPEP 609, Minimum Requirements for an Information Disclosure Statement, Part A(3): Concise Explanation of Relevance, pp. 600-100 to 600-101, Rev. 1, Feb. 2000.)
- 2b. ☒ set forth in the application.



- 2c. ☐ satisfied because an English language translation (complete or relevant portion(s)) is attached to each non-English language publication.
- 2d. ☒ enclosed as Attachment 1(e), hereto.
3. No admission is made that the information cited in this Statement is, or is considered to be, material to patentability nor a representation that a search has been made (other than search report(s) from a counterpart foreign application or a PCT International Search Report, if submitted herewith). 37 CFR §§1.97(g) and (h).

Respectfully submitted,

STAAS & HALSEY LLP

Dated: August 31, 2001
700 Eleventh Street, N.W., Suite 500
Washington, D.C. 20001
Telephone: (202) 434-1500
Facsimile: (202) 434-1501

By: Mark J. Henry
Mark J. Henry
Registration No. 36,162

ATTACHMENT 1(e)

| | | |
|--|--|----------------------------------|
| EXPLANATIONS OF RELEVANCY OF REFERENCES | ATTORNEY DOCKET NO. 1454.1081 | APPLICATION NO. NEW |
| | FIRST NAMED INVENTOR Horst-Udo HAIN | |
| | FILING DATE August 31, 2001 | GROUP ART UNIT To be assigned |

Reference AJ is an English language equivalent for Reference AG.

#5

| | | |
|---|--|--|
| FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE LIST OF REFERENCES CITED BY APPLICANT <i>(Use several sheets if necessary)</i> | ATTORNEY DOCKET NO. 1454.1081 | APPLICATION NO. NEW 09/943,091 |
| | FIRST NAMED INVENTOR Horst-Udo HAIN | |
| | FILING DATE August 31, 2001 | GROUP ART UNIT To be assigned |

U.S. PATENT DOCUMENTS

| EXAMINER INITIAL | | DOCUMENT NO. | DATE | NAME | CLASS | SUB- CLASS | FILING DATE |
|---------------------|----|-----------------|---------|----------------|-------|---------------|----------------|
| | AA | 6,029,135 | 2/22/00 | Krasle | | | |
| | AB | 5,732,388 | 3/24/98 | Hoege et al. | | | |
| | AC | 4,384,273 | 5/17/83 | Ackland et al. | | | |
| | AD | | | | | | |
| | AE | | | | | | |
| | AF | | | | | | |

1c857 U.S. PTO
09/943091
08/31/01

FOREIGN PATENT DOCUMENTS

| | | DOCUMENT NO. | DATE | COUNTRY | CLASS | SUB- CLASS | TRANSLATION YES NO | |
|--|----|-----------------|----------|---------|-------|---------------|-----------------------|---|
| | AG | DE69420955T2 | 7/13/00 | Germany | | | | X |
| | AH | DE19636739C1 | 7/3/97 | Germany | | | | X |
| | AI | DE19719381C1 | 1/22/98 | Germany | | | | X |
| | AJ | WO 94/23423 | 10/13/94 | PCT | | | | |
| | AK | | | | | | | |
| | AL | | | | | | | |

OTHER REFERENCES (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)

| | | |
|--|----|---|
| | AM | Hoffmann, "signalanalyse und-erkennung," Springer Verlag, Berlin, Heidelberg, 1998, pages 380-404. |
| | AN | Rabiner et al., "Fundamentals of Speech Recognition," Englewood Cliffs, Prentice Hall 1993 (Prentice Hall Signal Processing Series), pages 200-241. |
| | AO | Stefan Besling, "Heuristical and Statistical Methods for Grapheme-to-Phoneme Conversion," Proceedings KONVENS 94, Wien, pages 23-31. |

| | |
|--|-----------------|
| EXAMINER | DATE CONSIDERED |
| EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. | |